

# Safeguarding human life, missions, and budgets

EKTOS provides testing and qualification services that increase reliability and lower costs of electronic products and solutions for life-critical or mission-critical systems.

## Professionals will trust your product

EKTOS can help your electronic products and solutions meet the toughest defence, agency, and civilian standards for equipment operating in harsh environments where professional users depend on your product quality.

EKTOS helps you analyze, specify, understand, and comply with relevant test standards and specific market requirements. This can create new business opportunities for your products and fast-track your business into new applications and markets.

EKTOS provides various testing services that meet all typical requirements for verification of compliance with a variety of testing standards, including several MIL-STD, DEFSTAN, STANAG, IEC, JIS, ANSI, UL, CSA, marine, and EN standards.

## We are specialists in test requirements

The advanced testing facilities and skill set at EKTOS provide for meeting many typical testing requirements for electronic solutions used in the fields of defence, security, SAR, industry, marine, offshore, and transportation.

### Examples of standards:

- MIL-STD-810G
- MOD DEF STAN 00-35
- USCG CE-ENG-3
- NATO STANAG 4370
- IACSUR-E
- UL 61010-1
- IEC 61000-6-x

### Examples of tests:

- Vibration: Sine and random
- Shock: Half-sine, trapezoidal, SRS
- Temperature: -100 to +200 °C
- Temp. cycling: Up to 120 °C/min
- Humidity: 20 to 98 % RH
- Corrosion: NaCl, 5 % vol
- HALT: 70 gRMS, -100 to +200 °C
- Altitude: 0 to 6000 m, -100 to +150 °C

## COTS is a business opportunity

Using COTS (Commercial Off The Shelf) products allow military and government customers to use already commercially available products as an affordable alternative to custom designed electronic solutions.

COTS products must qualify for defence and agency use. It must be verified that the products have the desired quality, reliability, life-time, and functionality. We can perform this verification of your products for COTS use by testing them with a variety of advanced test methods, including HALT and HASS, for finding weak points and improving reliability.

### Why you can benefit from COTS:

- Near zero design costs
- Greatly reduced lead time
- Lower unit costs
- More sourcing channels
- Use of already proven technology
- A fast track to new market segments
- Strengthened competitiveness



We have two extensive test laboratories in Copenhagen and Struer, Denmark, where we can simulate harsh environments



We can help you meet the toughest standards, so professionals trust your product



Commercial Off The Shelf products is a cost-effective and reliable alternative for electronic equipment

### LOOKING FOR NEW OPPORTUNITIES?

Contact us and let us discuss how we can help you fast-track your business into new applications and markets

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